

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

KANSAS ONE-CALL 687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

| | |
|-------------------------------|----------------|
| AT&T | 1-800-246-8464 |
| BLACK HILLS ENERGY | 1-800-694-8989 |
| CITY OF WICHITA WATER & SEWER | 1-316-219-8921 |
| CITY OF WICHITA STORMWATER | 1-316-268-4090 |
| CITY OF WICHITA TRAFFIC | 1-316-268-4034 |
| COX COMMUNICATIONS | 1-888-249-3530 |
| KANSAS GAS SERVICE | 1-888-482-4950 |
| EVERGY | 1-800-544-4857 |

3. UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS. OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
5. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE CITY ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
6. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
8. THE ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FINAL GRADES BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL NOTIFY THE INSPECTING ENGINEER AND DAWNITA REINHARDT AT 316-650-0740 WITH THE CITY OF WICHITA WITH THE ANTICIPATED CONSTRUCTION START DATE AND NOTIFY THEM OF PROJECT COMPLETION. STAKING AND INSPECTION FOR THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, MIKE ARMOUR AT 316-268-4480 BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTORS RESPONSIBILITY.
11. ALL ELEVATIONS SHOWN ARE NAVD 88.
12. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
13. ANY SIDEWALK, DRIVE APPROACH, CURB, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY THE CITY CONTRACTOR. PERMITS CAN BE OBTAINED BY CALLING 316-268-4501 OR 316-268-4480.
14. ALL APPLICABLE FEES (TAP, EQUITY, IN LIEU OF & MAIN BENEFIT) MUST BE PAID BEFORE ANY CONNECTIONS CAN BE MADE ON THIS PROJECT. QUOTES CAN BE OBTAINED ON FEES BY CALLING 316-268-4555.
15. CITY MAINTENANCE OF WATER MAINS ENDS AT RIGHT-OF-WAY OR EASEMENT LINE OR WITHIN TWO FEET OF VAULT.
16. OPENING AND CLOSING OF WATER VALVES SHALL BE DONE SLOWLY TO PREVENT DAMAGE TO THE WATER DISTRIBUTION SYSTEM FROM WATER HAMMER. ALL VALVES CLOSED BY THE CONTRACTOR MUST BE REOPENED AS NEW CONSTRUCTION PERMITS. THE PROJECT INSPECTOR MUST ASCERTAIN THAT ANY VALVE CLOSED BY THE CONTRACTOR IS REOPENED. THE CONTRACTOR WILL BE PERMITTED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT.
17. THE CONTRACTOR SHALL LAY A TRACER WIRE AND SET TEST STATIONS ALONG ALL WATER PIPE INSTALLED IN ACCORDANCE WITH CITY SPECIFICATIONS AND TRACER WIRE DETAIL ON DETAIL SHEET WL-101, COST IS SUBSIDIARY TO PIPE INSTALLATION.
18. THE CONTRACTOR SHALL PROVIDE MATERIALS FOR TEMPORARY BLOWOFF OF WATERLINES. CONNECTIONS TO THE EXISTING WATERLINE(S) SHALL BE MADE WITH CLEAN, SWABBED PIPE AND FLUSHED UPON COMPLETION OF TIE-INS.
19. REQUESTS FOR SHORT TERM WATER INTERRUPTIONS SHALL BE MADE TO THE CITY WATER DISTRIBUTION DIVISION AND WILL BE SUBJECT TO THEIR APPROVAL. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ANY PROPERTY OWNER, BUSINESS, AND/OR TENANTS THAT WILL HAVE WATER SERVICE INTERRUPTED AT LEAST 5 DAYS

IN ADVANCE. SUCH NOTIFICATIONS SHOULD INDICATE THE TIME AND DATE THAT THE WATER WILL BE TURNED OFF AND WHEN THE SERVICE WILL BE RESTORED. NO BUSINESS, PROPERTY OWNER, AND/OR TENANTS SHALL BE WITHOUT WATER SERVICE FOR MORE THAN 8 HOURS. PROPOSED TIE IN LOCATIONS WHICH WILL AFFECT WATER SERVICE TO PROPERTY OWNERS SHALL BE PERFORMED DURING NON-PEAK HOURS.

20. THE CONTRACTOR MUST SCHEDULE THE CONNECTIONS TO THE EXISTING MAIN WITH THE CITY SUCH THAT THERE IS A MINIMUM DISRUPTION OF SERVICE. CONNECTIONS SHALL BE MADE DURING PERIODS OF LOW WATER USAGE. THE CONTRACTOR SHALL SUBMIT HIS PROPOSED SCHEDULE FOR COMPLETING WORK FOR CITY APPROVAL AT LEAST 10 DAYS PRIOR TO BEGINNING CONSTRUCTION.
21. DEFLECTIONS AT PIPE JOINT OR COUPLINGS SHALL NOT EXCEED THE PIPE MANUFACTURERS RECOMMENDED MAXIMUM. WHERE DEFLECTIONS ARE GREATER THAN THE MAXIMUM ALLOWED, THE CONTRACTOR SHALL UTILIZE FITTINGS.
22. ANY EXISTING JOINT EXPOSED DURING EXCAVATION SHALL BE REPLACED IF WITHIN FOUR FEET OF PROPOSED JOINT.
23. VALVES 12 INCH AND LARGER ARE TO BE OPERATED BY THE CITY WATER DISTRIBUTION DIVISION, 48 HOURS ADVANCE NOTICE IS REQUIRED WITH THE WATER DISPATCH AT 316-291-8921.
24. ALL WET TAPS SHALL BE INSTALLED BY THE CITY OF WICHITA. THE CONTRACTOR WILL REIMBURSE THE CITY FOR TAPPING FEES PRIOR TO TAP BEING MADE. UNLESS NOTED ON PLANS.
25. THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.
26. CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
27. WICHITA FIRE DEPARTMENT INSPECTIONS MAY BE SCHEDULED BY CALLING 316-650-0740.
28. ALL APPROVED EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER. STOCKPILE LOCATIONS SHALL BE AS DIRECTED BY THE OWNER AND IN ACCORDANCE WITH GENERAL NOTE NO. 4 ABOVE.
29. ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SEEDING, MULCH, AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AR6.5 WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION.
30. THE CONTRACTOR SHALL SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH TEMPORARY RYE GRASS. RYE GRASS SEED SHALL BE PLANTED AT A MINIMUM RATE OF SIX (6) POUNDS PER ONE THOUSAND (1,000) SQUARE FEET. THIS TEMPORARY SEEDING MAY BE OMITTED ONLY IF OTHER SEEDING IS REQUIRED IN ACCORDANCE WITH GENERAL NOTE NO. 31 ABOVE. TEMPORARY SEEDING OR PERMANENT SEEDING/SODDING SHALL BE APPLIED WITHIN 14 DAYS AFTER THE AREA HAS BEEN DISTURBED.
31. EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT HE WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARDS TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
32. THE CONTRACTOR SHALL INSTALL AND/OR MAINTAIN EROSION CONTROL METHODS AS SPECIFIED. THE GENERAL LOCATION OF THE REQUIRED EROSION CONTROL IS ILLUSTRATED ON THE EROSION CONTROL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL SHOWN THROUGH THE COMPLETION OF THIS PROJECT. INSTALLATION OF THESE BMP'S DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ABATING SOIL EROSION.
33. MAINTAIN A MINIMUM OF 10-FOOT HORIZONTAL SEPARATION BETWEEN ALL WATER LINES (MAINS, SERVICES, AND FIRE HYDRANTS) AND ALL SANITARY SEWER LINES (MAINS, SERVICES, AND MANHOLES). ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE AT THE CLOSEST POINT.
34. MAINTAIN A MINIMUM OF 2-FOOT VERTICAL SEPARATION BETWEEN ALL WATER LINES (MAINS AND SERVICES) AND ALL GRAVITY SANITARY SEWER LINES (MAINS, SERVICES, AND MANHOLES) AT CROSSINGS. ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE, AT THE CLOSEST POINT.
35. MAINTAIN A MINIMUM OF 2-FOOT VERTICAL SEPARATION BETWEEN ALL WATER LINES (MAINS AND SERVICES) AND ALL PRESSURIZED SANITARY SEWER LINES (FORCE MAINS AND SERVICES) AT CROSSINGS. WATERLINES MUST ALWAYS BE PLACED ABOVE PRESSURIZED SANITARY SEWER LINES WHERE THEY CROSS. ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE AT THE CLOSEST POINT.

BENCHMARKS

SEE SHEET CU221

HORIZONTAL CONTROL

SEE SHEET CU221

WATER DISTRIBUTION SYSTEM to serve SEDGWICK COUNTY ZOO ELEPHANT BOMA #2 5555 W. ZOO BOULEVARD CITY OF WICHITA, KANSAS

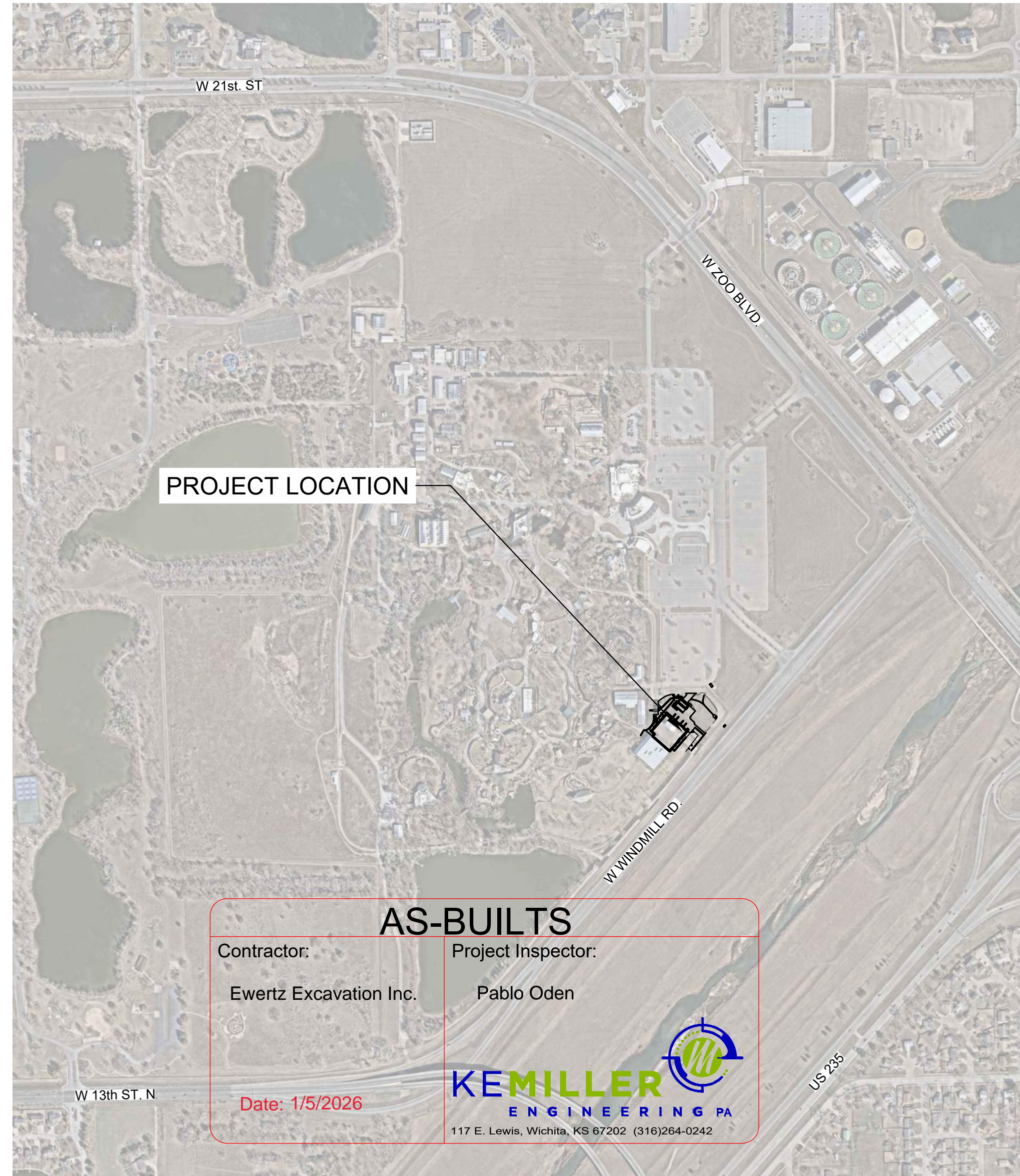
PAUL GUNZELMAN, P.E. - CITY ENGINEER

Project Number
2025-027955 PPW (54030980)

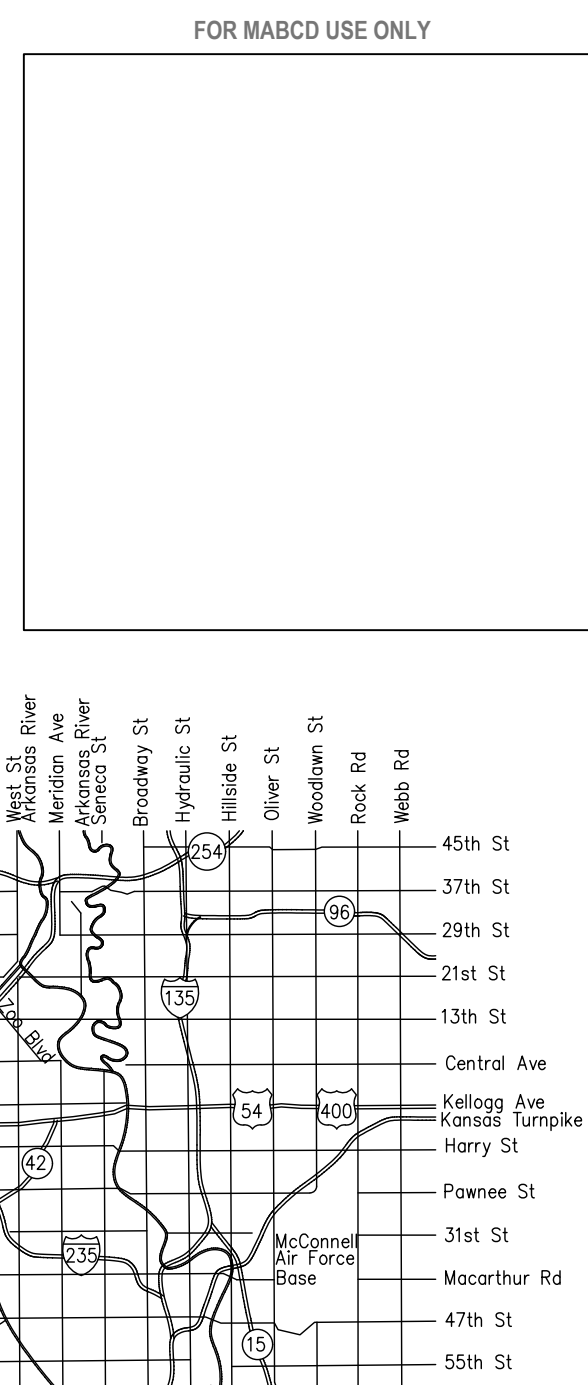
Materials
- Sanderson 8" C-900 Pipe
- American 6" Ductile
- American Darling (STORZ) FH
- Stars MJ Acc. Pack and Fittings
- Pro Tracer Wire

SHEET INDEX

| | |
|-----------------------|-----------------------------|
| SHEET NO. CU220 | PPW TITLE SHEET |
| SHEET NO. CU221 | PPW KEY MAP |
| SHEET NO. CU222 | FIRE LINE PLAN & PROFILE |
| SHEET NO. CU223 | WATERLINE DETAILS |
| SHEET NO. CG102 | EROSION CONTROL PLAN |
| SHEET NO. CG501-CG505 | EROSION CONTROL BMP DETAILS |



| AS-BUILTS | |
|---|----------------------------------|
| Contractor: Ewertz Excavation Inc. | Project Inspector: Pablo Oden |
| 117 E. Lewis, Wichita, KS 67202 (316)264-0242 | |
| Date: 1/5/2026 | |



Vicinity Map

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION
& BY WICHITA FIRE DEPARTMENT

Engineering SHAWN MELLIES - OCTOBER 21, 2025
Utilities GREG LOLLEY - OCTOBER 21, 2022
Fire Dept. CHIEF JOSE OCADIZ - OCTOBER 21, 2025

NOTE TO CONTRACTORS

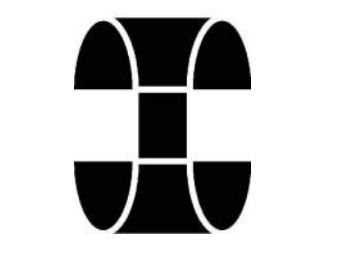
Public Property:
Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the City of Wichita Specifications and Standards and Special Provision (on file and available in the City Engineer's Office) or on the City's Website.

Private Property:
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by a licensed Engineering Firm under contract with the Owner/Developer and the Fire Department. The contractor shall not start work until the project inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.

An approved copy of these plans signed by City staff are required on-site.

OCTOBER 2025

HUTTON
DESIGN + BUILD



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303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

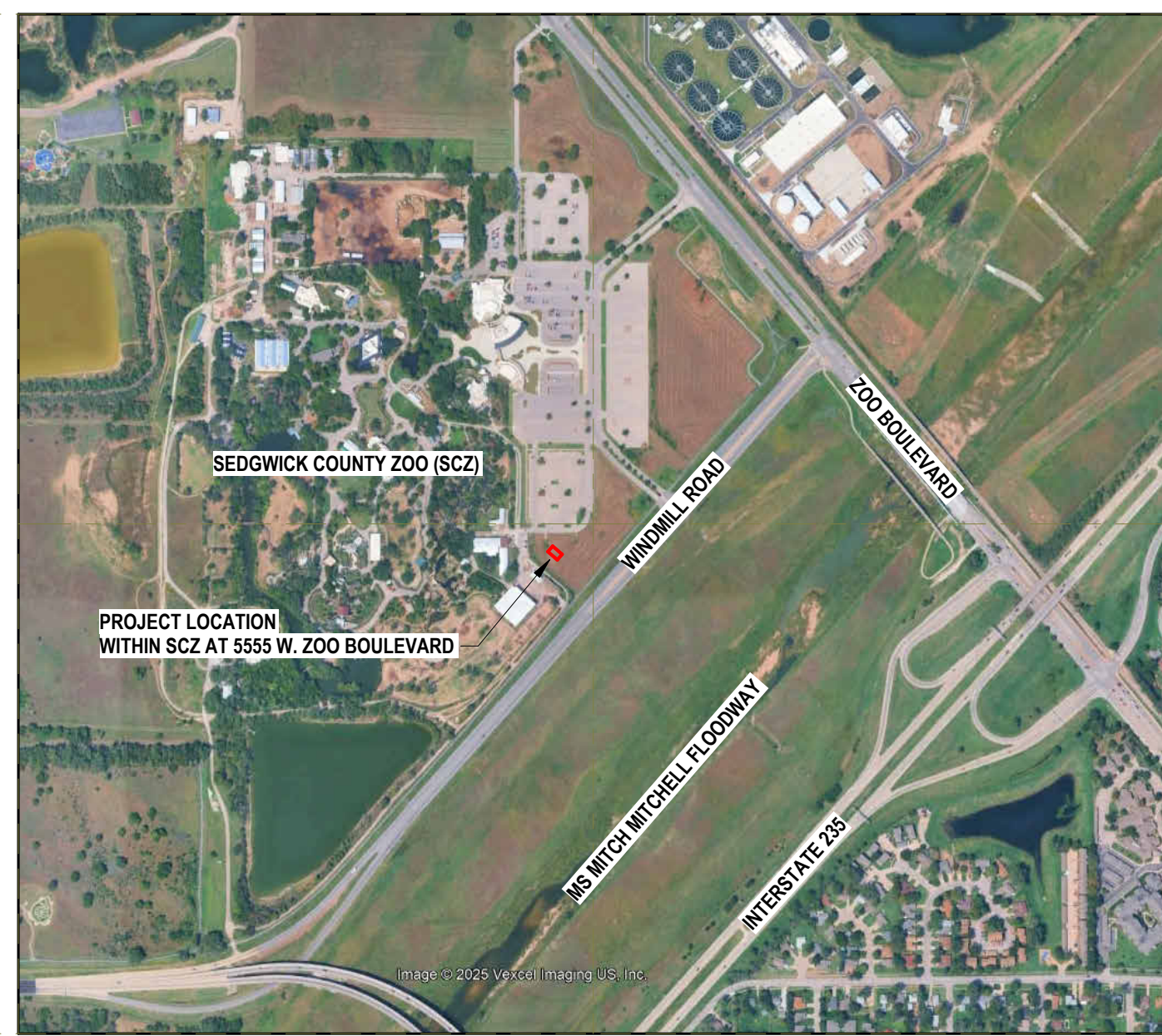
Project Number: 256221
**SEDGWICK COUNTY ZOO
ELEPHANT HAY BARN RELOCATION**
5555 W. Zoo Boulevard
Wichita, KS 67212

Issue: PERMIT SET
Date: 08/13/25

REVISIONS
Description Date

CU220
PPW TITLE SHEET

VICINITY MAP



TYPICAL ANNOTATIONS & SYMBOLS

| | | | |
|--|--------------------|--|-----------------------|
| | DIMENSIONS | | ELEVATION TAG |
| | ELEVATION TAG | | NORTH ARROW |
| | CALLOUT | | REVISION CLOUD/TAG |
| | DOOR TAG | | ROOM NAME (WITH AREA) |
| | EQUIPMENT TAG | | BUILDING SECTION TAG |
| | FRAME/WINDOW TAG | | WALL SECTION TAG |
| | WALL TAG | | VIEW REFERENCE |
| | GRID BUBBLE | | SPOT ELEVATION |
| | CEILING HEIGHT TAG | | DOOR |

PROJECT INFORMATION

PROJECT PURPOSE: RELOCATION OF EXISTING HAY BARN
 TYPE OF CONSTRUCTION: RELOCATION
 LOCATION: 5555 W. ZOO BOULEVARD
 WICHITA, KS 67212
 S 1/2 LOT 1 BLOCK A
 SEDGWICK COUNTY ZOO
 2ND. ADD EXEMPT
 2146-85-TX
 OWNER: SEDGWICK COUNTY ZOO
 SCOTT NEWLAND
 5555 W. ZOO BOULEVARD
 WICHITA, KS 67212
 ph. (316)266-5201
 fx. (316)942-3781
 ARCHITECT: HUTTON
 BROCK TRAFFAS
 111 NORTH SYCAMORE
 WICHITA, KS 67203
 ph. (316)942-8855
 fx. (316)942-8881
 RESPONDING FIRE DEPT: SEDGWICK COUNTY FIRE DEPARTMENT
 BUILDING INSPECTION: CITY OF WICHITA
 METROPOLITAN AREA BUILDING AND
 CONSTRUCTION DEPARTMENT

GENERAL NOTES

- A. GENERAL NOTES APPLY TO ALL DRAWINGS.
- B. ALL DRAWINGS TO BE VIEWED OR PRINTED IN COLOR. CLARITY OF DRAWINGS CANNOT BE GUARANTEED IF VIEWED OR PRINTED IN BLACK & WHITE OR GRAYSCALE.
- C. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE ACTUAL AND ARE TO GRID LINES, FACE OF STUDS, FACE OF MASONRY, OR CENTERLINE OF COLUMNS.
- D. PROTECT ALL NEW CONSTRUCTION AND EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE BY ALL TRADES.
- E. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING OR INSTALLING MATERIALS OR EQUIPMENT.
- F. ALL CONCRETE SLABS ON GRADE SHALL BE ON A 10 MIL VAPOR BARRIER WITH F150/F140 (FLATNESS 1/8" IN 10'-0" LEVEL TO 3/8" OVERALL).

SHEET INDEX

| # | SHEET NAME | PERMIT SET - 08/13/25 | ASI-04 10.03.2025 | ASI-05 10.21.2025 |
|-------------------|--|-----------------------|-------------------|-------------------|
| GENERAL | | | | |
| CVR | COVER SHEET | • | • | • |
| GS1.1 | GENERAL INFORMATION | • | • | • |
| CF1.1 | CODE PLAN | • | • | • |
| CIVIL | | | | |
| C-100 | CIVIL GENERAL NOTES | • | • | • |
| V-101 | EXISTING CONDITION PLAN | • | • | • |
| CD-101 | DEMOLITION PLAN | • | • | • |
| CS-101 | CIVIL SITE PLAN | • | • | • |
| CS-102 | CIVIL GEOMETRY PLAN | • | • | • |
| SC-501 | SITE DETAILS | • | • | • |
| CG-101 | GRADING PLAN | • | • | • |
| CG-102 | EROSION CONTROL PLAN | • | • | • |
| SWS-501 | BACK OF CURB PROTECTION, CURB INLET PROTECTION AND CONSTRUCTION ENTRANCE | • | • | • |
| SWS-502 | SILT FENCE DITCH CHECK AND BARRIER DETAILS | • | • | • |
| SWS-503 | STRAW BALE DITCH CHECK AND BARRIER DETAILS | • | • | • |
| SWS-504 | STREET IMPROVEMENT PROJECTS | • | • | • |
| SWS-505 | SUBDIVISION DEVELOPMENT PROCESS | • | • | • |
| BU-101 | UTILITY PLAN | • | • | • |
| CU-501 | BEDDING & BACKFILL DETAILS | • | • | • |
| PPW | | | | |
| CU-220 | PPW TITLE SHEET | • | • | • |
| CU-221 | PPW KEY MAP | • | • | • |
| CU-222 | FIRE LINE PLAN & PROFILE | • | • | • |
| CU-223 | WATERLINE DETAILS | • | • | • |
| LANDSCAPE | | | | |
| LS-101 | LANDSCAPE PLAN | • | • | • |
| LS-102 | LANDSCAPE DETAILS | • | • | • |
| STRUCTURAL | | | | |
| S1.0 | HAY BARN PLAN AND DETAILS | • | • | • |
| MEP | | | | |
| MEP101 | MEP - SITE | • | • | • |
| ELECTRICAL | | | | |
| E401 | ELECTRICAL RISER DIAGRAM | • | • | • |

DRAWING CHANGE LOG

- ASI-04 - 10.04.2025
 - CG101 - GRADING AT PEDESTRIAN DOOR HAS BEEN REVISED TO MEET ACCESSIBILITY REQUIREMENTS
- ASI-05 - 10.21.2025
 - CU220, CU221, CU222, CU223 - APPROVED PPW SHEETS ARE PROVIDED.
 - SWS-501, SWS-502, SWS-503, SWS-504, SWS-505 - CG501, CG502, CG502, CG504, AND CG505 HAVE BEEN DELETED AND REPLACED WITH STANDARD C.O.W. DETAIL SHEETS PER INSTRUCTION FROM CITY ENGINEERING.

HUTTON
DESIGN + BUILD

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Project Number: 255221
**SEDGWICK COUNTY ZOO
 ELEPHANT HAY BARN RELOCATION**
 5555 W. Zoo Boulevard
 Wichita, Kansas 67212

Issue:
PERMIT SET
 Date:
08/13/2025

REVISIONS

| # | Description | Date |
|----|-------------|----------|
| 04 | ASI-04 | 10.03.25 |
| 05 | ASI-05 | 10.21.25 |



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Project Number: 255721
SEDGWICK COUNTY ZOO
ELEPHANT HAY BARN RELOCATION
5555 W. Zoo Boulevard
Wichita, KS 67212

Issue: **PERMIT SET**
Date: **08/13/25**

REVISIONS
Description Date

See plan and profile sheet for different angle on fire line 1.

2" WELL WATER SERVICE LINE (NOT PART OF PPW)

STORAGE CONTAINERS

RELOCATED HAY BARN
FF = 1322.50

PROPOSED BUILDING
ELEPHANT BARN EXPANSION
UNDER SEPARATE PERMIT
FF = 1321.45 (ME)

HORIZONTAL CONTROL POINTS

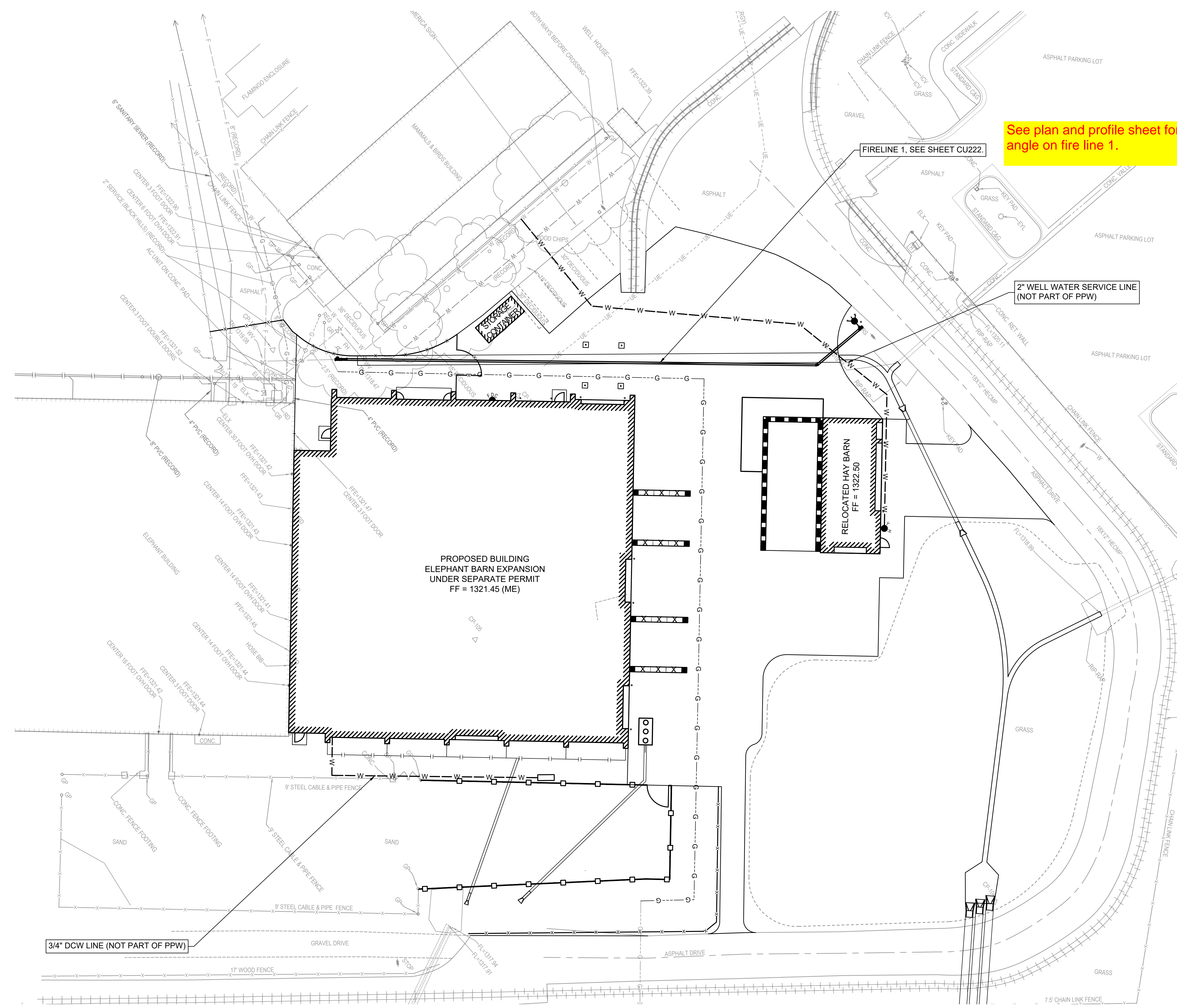
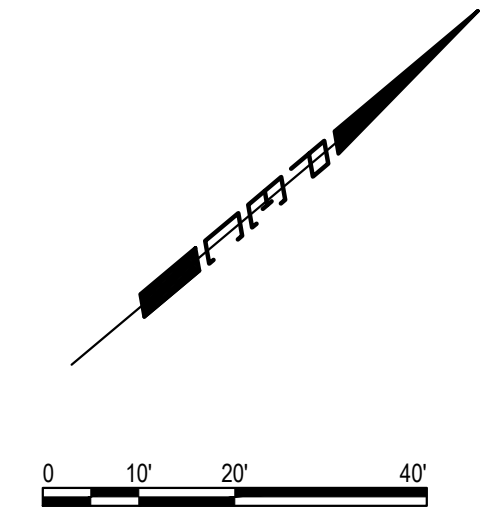
- CP-101
N: 1,695,910.9084 E: 1,628,371.7016
1/2 IN REBAR WITH BLUE PEC CAP
1. 109.71' SSW TO YARD LIGHT
2. 131.09' ESE TO YARD LIGHT
3. 123.23' S TO FENCE CHAIN LINK
- CP-102
N: 1,695,711.0011 E: 1,628,649.8863
1/2 IN REBAR WITH BLUE PEC CAP
1. 54.46' ESE TO WEST EDGE OF ASPHALT ROAD
2. 214.7' NW TO YARD LIGHT
3. 77.75' SW TO NORTH EAST EDGE OF CHAIN LINK FENCE
- CP-103
N: 1,695,616.0182 E: 1,628,238.6653
1/2 IN REBAR WITH BLUE PEC CAP
1. 64.14' N TO SOUTH START OF ABANDOND RAIL ROAD TRACKS
2. 39.46' ESE TO NORTH EDGE OF HAY BARN BUILDING
3. 93.48' SW TO NORTH EDGE OF ELEPHANT BUILDING
4. TO
- CP-104
N: 1,695,632.7305 E: 1,628,529.5866
1/2 IN REBAR WITH BLUE PEC CAP
1. 6.48' E TO WEST EDGE OF ASPHALT ROAD
2. 73.21' ENE TO NORTHEAST EDGE OF CHAIN LINK FENCE
3. 128.54' NNW TO 17IN BY 13IN CORRIGATED METAL END
- CP-105
N: 1,695,536.6020 E: 1,628,305.4255
MAG NAIL
1. 17.1' N TO SOUTH EDGE OF HAY BARN BUILDING
2. 88.15' SSW TO WEST EDGE OF ELEPHANT BUILDING
3. 124.52' W TO NORTH EDGE OF ELEPHANT BUILDING
- CP-106
N: 1,695,549.6739 E: 1,628,157.9649
MAG NAIL
1. 24.21' ESE TO NORTH EDGE OF ELEPHANT BUILDING
2. 39.71' N TO SOUTHEAST EDGE OF BUILDING
3. 54.37' NW TO SOUTHWEST EDGE OF BUILDING

BENCH MARKS

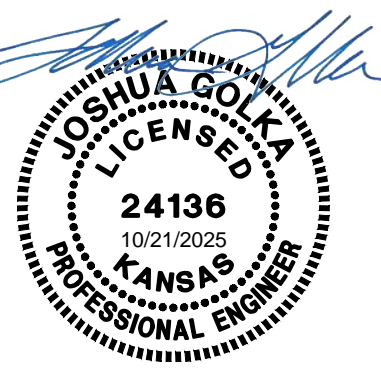
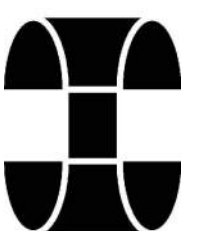
- BM-201
ELEV: 1,323.62 (NAVD 88)
CHISELED SQUARE ON NORTHEAST EDGE OF CURB RETURN ON THE 2ND PARKING ROW ON THE CENTER ISLAND BY SOUTH GATE OF ZOO
- BM-202
ELEV: 1,321.42 (NAVD 88)
CHISELED SQUARE IN THE NORTHEAST EDGE OF CONCRETE PAD OF TRANSFORMER TS3736280. NORTHEAST OF THE ELEPHANTS NORTH BUILDING CORNER

NOTE:

ALL EXISTING AND PROPOSED WATERLINES ARE PRIVATE.



SAVED 10/3/2025 10:24:24 AM BY CHANCE SWANEY
PLOTTED 10/21/2025 2:30:37 PM BY CHANCE SWANEY
U:\WICHITA-FACIL\2025\250227\000\03\PD4_PLANS\03\050227-000-CU221 PPW KEY MAP.DWG



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Project Number: 255721
SEDGWICK COUNTY ZOO
ELEPHANT HAY BARN RELOCATION

5555 W. Zoo Boulevard
Wichita, KS 67212

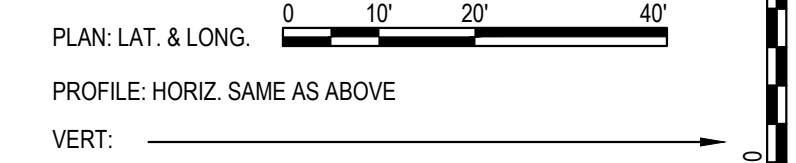
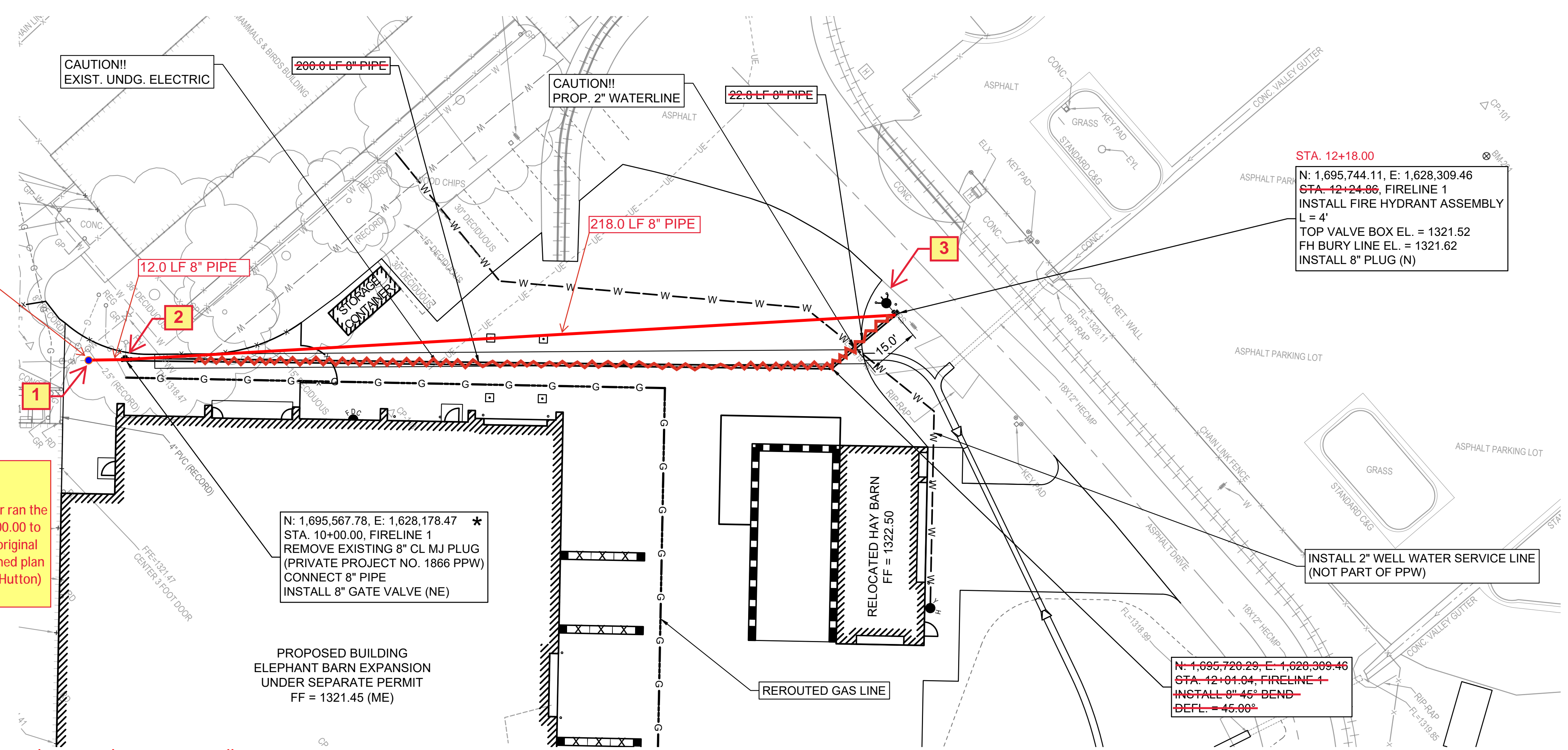
Issue:
PERMIT SET
Date:
08/13/25

| # | Description | Date |
|---|-------------|------|
| | | |

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U:\WICHITA-FACIL\2025\250227\000\2PD4_PLANS\03\250227-000-CU222 FIRELINE PLAN & PROFILE.DWG

N: 1,695,554.26, E: 1,628,165.85
STA. 09+88.00, FIRELINE 1
INSTALL INSERTION VALVE

Shifted line 4.5' to the W due to unforeseen obstruction of gas line. Therefore, contractor ran the line directly from the exiting FH tee Sta 10+00.00 to the proposed FH location, as appose to the original plan. Contractor (Ewertz Excavation) confirmed plan deviation with both engineer (PEC) and GC (Hutton)



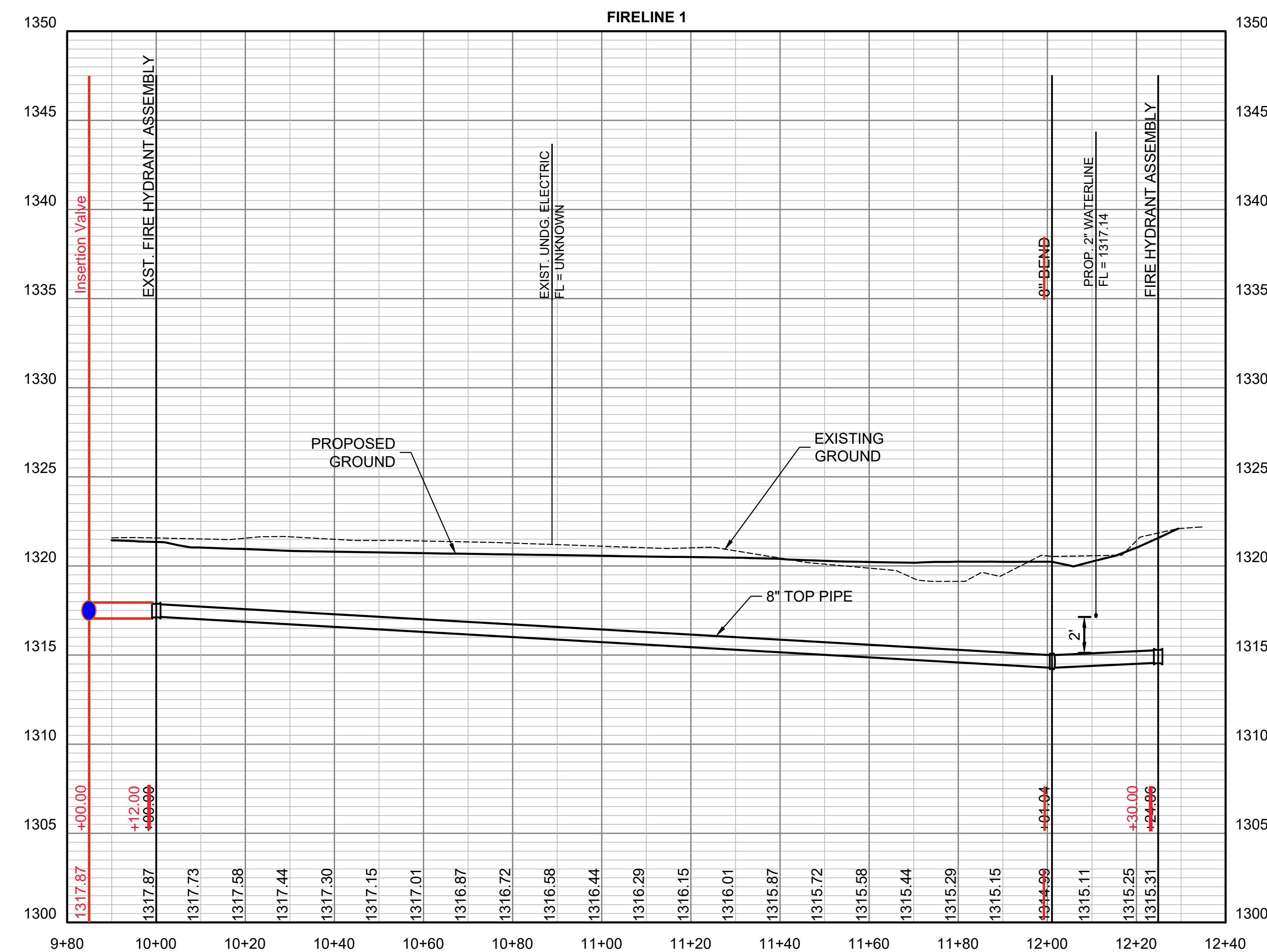
- UTILITY LEGEND**
- W --- W --- PROPOSED WELL WATERLINE
 - ==== PROPOSED FIRELINE
 - G --- G --- PROPOSED GAS LINE
 - PROPOSED YARD HYDRANT
 - PROPOSED FIRE HYDRANT
 - PROPOSED FDC
 - ==== PROPOSED STORM SEWER
 - R --- R --- PROPOSED RAINLEADER

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING UTILITIES AT ALL CONNECTION POINTS TO VERIFY THEIR HORIZONTAL AND VERTICAL LOCATION. THE LOCATION, SIZE AND MATERIAL, SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

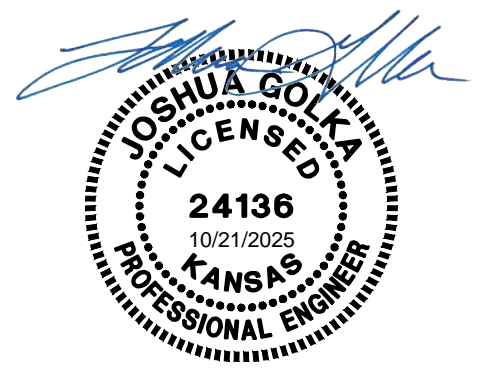
There is no public street intersection near, no direct view of the fire hydrant to be able to get a physical measurement from the street because of a tall fence.

Critical Locations

| | |
|-----|--|
| (1) | Insertion Valve N: 1695554.26 E: 1628165.85 |
| (2) | Existing Fire Hydrant Connection N: 1695567.94 E: 1628178.36 |
| (3) | Fire Hydrant Tee N: 1695740.94 E: 1628308.54 |
| | Fire Hydrant Valve N: 1695742.16 E: 1628307.70 |
| | Fire Hydrant N: 1695744.05 E: 1628305.77 |



Pipe Usage:
- 8" C-900 = 230.00 LF
- 6" DICL = 2.00 LF



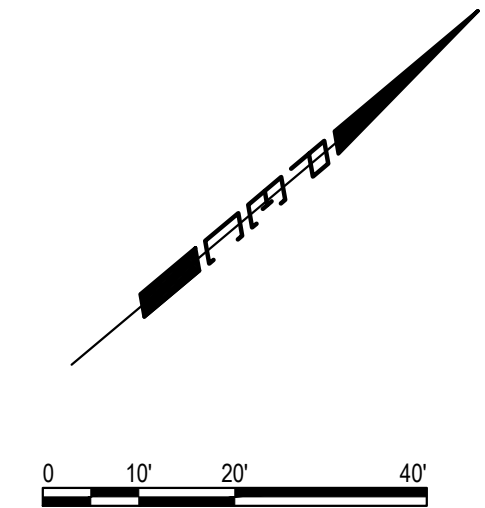
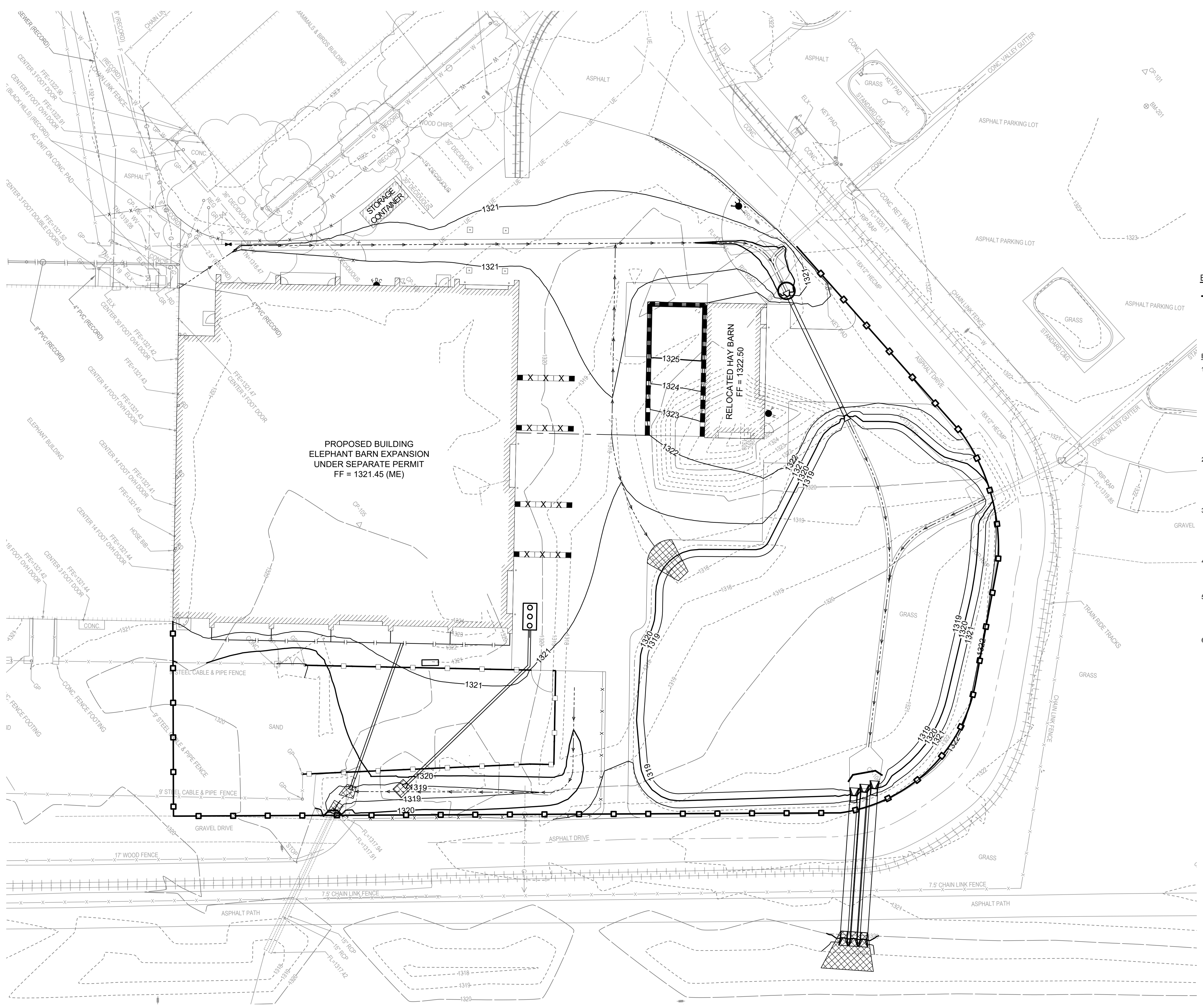
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ELEPHANT HAY BARN RELOCATION
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Wichita, KS 67212

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|---|-----------------------|------|
| | | |



EROSION CONTROL LEGEND

- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- PROPOSED DITCH CHECK

EROSION CONTROL PLAN NOTES:

1. CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION PROTECTION THROUGHOUT THE ENTIRE PROJECT. THE FOLLOWING QUANTITIES ARE FOR INFORMATION ONLY, AND SHALL BE INCLUDED IN THE EROSION CONTROL LUMP SUM BID ITEMS. EROSION PROTECTION SHALL BE INCLUDED IN THE BID AS FOLLOWS:
SILT FENCE BARRIER = 658.2 L.F.
INLET PROTECTION = 1 EA.
DITCH CHECK = 2 EA.
2. THE EROSION CONTROL DEVICES SHOWN ON THIS SHEET ARE CONSIDERED MINIMUM STANDARDS. WHENEVER SEDIMENT ENTERS THE STREETS, STORM SEWERS, DITCHES, OR PONDS, CONTRACTOR WILL INSTALL ADDITIONAL DEVICES, AS NEEDED, TO CORRECT THE PROBLEM.
3. THE EROSION CONTROL DEVICES SHOWN HEREON MUST BE IN PLACE AT ALL TIMES DURING CONSTRUCTION UNTIL SUCH TIME AS THE SITE IS REESTABLISHED WITH PAVING OR GRASS. TEMPORARY OR PERMANENT SEEDING AND MULCH WILL BE INSTALLED WHEN EARTHWORK ACTIVITIES CEASE IN AN AREA FOR 14 DAYS OR MORE.
4. ANY MUD INADVERTENTLY TRACKED ONTO ANY STREET SHALL BE CLEANED UP BY THE CONTRACTOR, AT THE END OF EACH DAY'S WORK, OR AS DIRECTED BY THE FIELD ENGINEER.
5. CONTRACTOR TO FURNISH A TRUCK WASH-OUT PIT TO BE PLACED AT A CONVENIENT LOCATION THAT DOES NOT CONFLICT WITH CONSTRUCTION. CONTRACTOR SHALL CLEAN OUT AND BACKFILL PIT PRIOR TO FINAL INSPECTION. LOCATION SHALL BE APPROVED BY THE FIELD ENGINEER.
6. SITE INFORMATION:
SITE AREA = 5.02 AC. (218701.63 S.F.)
DISTURBED AREA = 1.91 AC. (83143.97 S.F.)

SAVED 8/12/2025 10:02:43 AM BY BENJAMIN BOCKOVER
PLOTTED 10/21/2025 2:29:27 PM BY CHANCE SWANEY
U:\WICHITA-FACIL\2025\250227\000\2PD4_PLANS\03\050227-000-CG102 EROSION CONTROL PLAN.DWG